

# Hazardous Materials Control & Management

## Technology Description

- Commercially available material and/or process substitutes for hazardous materials (HMs) used aboard ships & submarines
  - Thousands of HMs used in thousands of shipboard maintenance & repair actions



*70% of regulated hazardous waste processed by shore facilities originates from ships*

## Benefits

- ☆ Comply with wide range of laws, regulations, Executive Orders, & Navy policies
  - HM reduction & pollution prevention goals & requirements
  - Hazardous waste tracking & disposal
- ☆ Substantially reduce numbers, quantities, & hazardous nature of currently used HMs
  - Reduce health & safety risks for shipboard & shoreside personnel
  - Reduce cost of shoreside disposal of hazardous waste originating from ships & submarines (\$17M in FY95)
  - Reduce environmental problems

## RDT&E Status

- On-going effort to qualify & transition environmentally preferable substitutes to Fleet
  - Cleaning compounds & solvents
  - Adhesives & sealants
  - Lubricants & greases
- Technology opportunities for existing & future ships